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JUL 15 2004  
P A T E N T & T R A M P A T E N T  
O F F I C E

BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

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COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verify believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EXTENDING THE LIFETIME OF ANTCOAGULANT OLIGODEOXYNUCLEOTIDE APTAMERS IN BLOOD

Insert Title:

Fill in Appropriate  
Information -  
For Use Without  
Specification  
Attached:

the specification of which is attached hereto. If not attached hereto,  
the specification was filed on June 22, 2000 as  
United States Application Number 09/599,220 (if applicable) and/or  
and amended on \_\_\_\_\_ as PCT  
the specification was filed on \_\_\_\_\_ and was  
International Application Number \_\_\_\_\_ (if applicable)  
amended under PCT Article 19 on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Insert Priority  
Information:  
(if appropriate)

			Priority Claimed
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional  
Application(s):  
(if any)

<u>60/139,896</u> (Application Number)	<u>June 22, 1999</u> (Filing Date)
(Application Number)	(Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Country	Application Number	Date of Filing (Month/Day/Year)
_____	_____	_____
_____	_____	_____

Insert Requested  
Information:  
(if appropriate)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S.  
Application(s):  
(if any)

<u>(Application Number)</u>	<u>(Filing Date)</u>	<u>(Status - patented, pending, abandoned)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>	<u>(Status - patented, pending, abandoned)</u>

I hereby appoint the following attorneys to prosecute this application and/or an interventional application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19,382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	Donald J. Daley	(Reg. No. 34,313)
John W. Bailey	(Reg. No. 32,881)	John A. Castellano	(Reg. No. 35,094)
Gary D. Yacura	(Reg. No. 35,416)		

Send Correspondence to:

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or Customer No. 2292

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First  
 or Second Inventor  
 Insert Name of  
 Inventor  
 Insert Date This  
 Document is Signed  
 →

Insert Residence  
 Insert Citizenship  
 →

Insert Post Office  
 Address  
 →

Full Name of Second  
 Inventor, if any:  
 see above

Full Name of Third  
 Inventor, if any:  
 see above

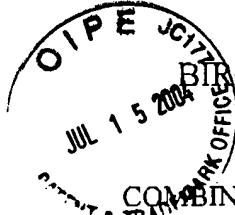
Full Name of Fourth  
 Inventor, if any:  
 see above

GIVEN NAME/FAMILY NAME Alfred H. DOUGAN		INVENTOR'S SIGNATURE <i>Alfred H. Dougan</i>	DATE* 28 Sept 2000.
Residence (City, State & Country) Vancouver, British Columbia, CANADA		CITIZENSHIP Canada	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) 5575 Culloden Street, Vancouver, BC V5W 3R9 CANADA			
GIVEN NAME/FAMILY NAME Jeffrey I. WEITZ		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Ancaster, Ontario, CANADA		CITIZENSHIP Canada	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) 54 Carluke Road East, Ancaster, Ontario L9G 3L1, CANADA			
GIVEN NAME/FAMILY NAME		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME/FAMILY NAME		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			

\*DATE OF SIGNATURE

Attorney Docket No. 4045-0109P

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as

United States Application Number 09/599,220

and amended on

(if applicable) and/or

the specification was filed on

as PCT

International Application Number

and was

amended under PCT Article 19 on

(if applicable)

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(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119(c) of any United States provisional applications(s) listed below.

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Application(s):  
(if any)

60/139,896 (Application Number)	June 22, 1999 (Filing Date)
(Application Number)	(Filing Date)

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Insert Requested  
Information:  
(if appropriate)

Country Application Number Date of Filing (Month/Day/Year)

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Insert Prior U.S.  
Application(s):  
(if any)

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

Attorney Docket No. 4045-010SP

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart (Reg. No. 21,066)	Terrell C. Birch (Reg. No. 19,382)
Joseph A. Kolasch (Reg. No. 22,463)	James M. Slattery (Reg. No. 28,380)
Bernard L. Sweeney (Reg. No. 26,642)	Michael K. Mutter (Reg. No. 29,680)
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Joe McKinney Mulvey (Reg. No. 32,338)	Donald J. Daley (Reg. No. 34,313)
John W. Balley (Reg. No. 32,881)	John A. Castellano (Reg. No. 35,094)
Guy D. Yacura (Reg. No. 35,416)	

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